Group Names:

5/13

IC.3

Experimental vs. Observational Studies

Each group member must turn this sheet in by the end of class. I will not grade any of the assignments until I have received a paper from each group member. #1, #2, & 3 may be the same answer for each group member.

Group Work: IC.3 \_\_\_

***1. Define Experimental Studies***

***2. Define Observational Studies***

***3. Describe the difference between experimental and observational studies.***

***4. Define Randomization***

***5. Explain how randomization relates to experimental studies.***

***6. Explain how randomization relates to observational studies.***

***7. Create one example of an experimental study that you could do on campus.***

***8. Create one example of an observational study that you could do on campus.***

**Individual Work:**

**Name:**

**IC.3 \_\_\_\_**

***Each group member must complete #1 and #2 individually***

***Find one example of an experimental study that has been done.***

* + ***Title of study and explain who did the study (company, school, researchers…etc.)***
  + ***Website to access study***
  + ***Brief description of the study***
  + ***Explain what characteristics about the study classify it as an experimental study.***

***Find one example of an observational study that has been done.***

* + ***Title of study and explain who did the study (company, school, researchers…etc.)***
  + ***Website to access study***
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